UPPER AIR MAINTENANCE NOTE
(For Electronics Technicians)

1. Technical Information Package for the Upper Air M003 Microcomputer
   System

   I. Introduction

The NWS Upper Air program will begin delivery of IBM microcomputer
systems to all upper air sites starting in mid-March 1986. Each
system will consist of an IBM-XT Model 5160086 CPU, Model 1501100
keyboard, Model 5153001 color display, and Epson LX80 printer. The
system, when implemented, will not be dedicated to the Upper Air
program, but will be shared with MAPSO at colocated sites.

   II. Implementation

The systems will be sent to upper air sites as they are released from
the National Reconditioning Center Quality Control Section. A
tentative shipping schedule is attached. This schedule reflects
present requirements and may be modified as priorities change.

It is planned for the IBM microcomputer system to be phased into the
U/A program in three stages:

        A. As a backup for the Daconics minicomputer. It will use
            modified G.E. timeshare program software.

        B. As a replacement for the Daconics minicomputer. It will not
            have an ART software package.

        C. As a replacement for the Daconics minicomputer. It will
            have full ART capability.

   III. Installation

The system should be set up near the ART Data Control Assembly
(DCA). The installation instructions, cabling, and checkout
procedures are printed in the "Guide to Operations" which is included
with each system.

   IV. Maintenance

The initial maintenance concept will be unit level replacement. All
defective units are to be returned to the National Reconditioning

Center. They will manage the IBM PC depot repair activity. After the NWSTC IBM PC training program is in place, and a substantial number of U/A electronics technicians certified, the policy may be revised.

The National Logistics Supply Center (NLSC) will be the primary source for the distribution of replacement LRUs under LSS rules. Routine replacement will be made within 72 hours, while emergency replacement response time will be within 24 hours.

Detailed instructions for returning units to NRC for repair will be forthcoming. Until then, please adhere to the following:

    A.   Before shipping the CPU, run the SHIPDISK program to protect the hard disk and the heads. Instructions for running this program come with the system.

    B.   Do not return any of the cables.

    C.   Do not return any of the manuals.

    D.   Do not return the plastic paper guide from the Epson printer.

   V.   <u>Disposition of the Daconics System</u>

The details for the disposition of the Daconics system haven't been finalized. The Administrative Support Centers have indicated that they would arrange for the removal of the systems from each station, but we are waiting for them to tell us who to contact and what forms to submit. We will send out a memo as soon as we get all of the needed information.

U/A MICROPROCESSOR PRIORITY

*WSO Winnemucca, NV (sent from NSWH)

*WSCMO Boothville, LA (sent from NSWH)

NWSTC NRC (held at Kansas City)

NWSTC NRC (held at Kansas City)

1. CUA Grand Cayman, W.I.

2. WSO Belize City BELZ

*3. Regional Office,
Honolulu, HI

*4. Regional Office,
Honolulu, HI

*5. Regional Office,
Honolulu, HI

*6. WSCMO Anchorage, AK

*7. WSO Fairbanks, AK

*8. WSO Annette, AK

*9. WSO Barrow, AK

*10. WSO Nome, AK

*11. WSO Kodiak, AK

*12. WSO Cold Bay, AK

*13. WSO McGrath, AK

*14. WSO Kotzebue, AK

*15. WSO Yakutat, AK

*16. WSO St. Paul, AK

*17. WSO Bethel, AK

18. WSCMO San Diego, CA

*19. WSO Barter Island,
AK

*20. WSO King Salmon, AK

*21. Regional Office,
Honolulu, HI

*22. Regional Office
Honolulu, HI

*23. WSMO Waycross, GA

24. WSO Winslow, AZ

*25. WSO Lake Charles, LA

26. WSFO Little
Rock, AR

*27. WSMO Longview. TX

28. WSMO Washington, UAU,
VA

*29. WSO Victoria, TX

30. WSO Tampa, FL

*31. WSO Apalachicola, FL

*32. WSO Athens, GA

33. WSMO Albuquerque, NM	56. WSMO Nashville, TN
*34. WSO Dodge City, KS	*57. WSO Salem, OR
*35. WSO El Paso, TX	*58. WSO Spokane, WA
*36. WSO Cape Hatteras, NC	59. WSMO Monett, MO
37. WSO Del Rio, TX	*60. WSFO Omaha, NE
*38. WSO Greensboro, NC	*61. WSO Peoria, IL
*39. WSO Huntington, WV	*62. WSO Rapid City, SD
*40. WSO Charleston, SC	*63. WSO St. Cloud, MN
*41. WSO Green Bay, WI	64. WSFO Pittsburgh, PA
*42. WSO Key West, FL	65. WSFO San Juan, PR
*43. WSO Huron, SD	*66. WSO North Platte, NE
*44. WSO Flint, MI	67. WSCMO Oakland, CA
45. WSMO Chatham, MA	68. WSCMO Salem, IL
*46. WSO Amarillo, TX	*69. WSMO Portland, ME
*47. WSO Atlantic City, NJ	*70. WSO Caribou, ME
*48. WSO Brownsville, TX	*71. WSFO Albany, NY
*49. WSCMO Buffalo, NY	*72. WSFO Salt Lake City, UT
*50. WSMO Centreville, AL	*73. WSFO Topeka, KS
51. WSCMO Dayton, OH	*74. WSFO Jackson, MS
*52. WSO Tucson, AZ	*75. WSO Lander, WY
*53. WSMO Stephenville, TX	*76. WSO International Falls, MN
*54. WSO Medford, OR	*77. WSO Ely, NV
*55. WSO Midland, TX	*78. WSMO Mercury, NV

* 79.   WSFO Great Falls, MT

*80.   WSO Glasgow, MT

*81.   WSFO Denver, CO

*82.   WSO Grand Junction, CO

*83.   WSFO Oklahoma City, OK

*84.   WSFO Boise, ID

*85.   WSCMO Quillayute, WA

*86.   WSFO Bismarck, ND

*87.   WSO Sault-Ste. Marie, MI

*88.   WSO West Palm Beach, FL

   *MAPSO and Upper Air to share microprocessors.